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February 22, 2007

MAIL STOP PCT  
 COMMISSIONER FOR PATENTS  
 P.O. BOX 1450  
 ALEXANDRIA, VA 22313-1450

Re: National Phase in the U.S.  
 of International Patent Application No. PCT/GB2004/004707

Inventors : Darren James Ellis et al.  
 Title : IMPROVEMENTS IN OR RELATING TO POLYNUCLEOTIDE  
 ARRAYS  
 Serial No. : 10/578,460  
 Filed : May 8, 2006  
 Our File : 2713-1-043PCT/US

**EXPRESS MAIL "MAILING LABEL NO."** : EV 708030577 US

**DATE OF DEPOSIT** : February 22, 2007

SUBMISSION OF MISSING REQUIREMENTS UNDER  
35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)

Dear Sir:

Responsive to the Notification of Missing Requirements under 35 U.S.C. 371 in the U.S.  
 Designated/Elected Office, copy enclosed, Applicants submit herewith the following:

1. A combined Declaration and Power of Attorney making reference to the above-identified Application, and in compliance with 37 CFR 1.497 (a) and (b).
2. A check in the amount of \$130.00, representing the Surcharge under 37 CFR 1.492(h).  
Applicant claims Large Entity status.

02/26/2007 GFREY1 00000128 10578460  
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MAIL STOP PCT  
COMMISSIONER FOR PATENTS  
February 22, 2007  
Page 2

Our File: 2713-1-043PCT/US

Applicants hereby authorize that any charges in addition to the above authorized that relate to the filing and processing of the present Application in accordance with 37 CFR 1.16 and 1.17 may be charged to Deposit Account No. 11-1153. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Sarah J. Fashena

Sarah J. Fashena, Ph.D.  
Agent for Applicant(s)  
Registration No. 57,600

SJF/cd

Enclosures: *Executed Declaration and Power of Attorney*  
*Check in the amount of \$130.00, representing the Surcharge under 37 CFR 1.492(h)*



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/578,460	Darren James Ellis	27131043PCTUS

INTERNATIONAL APPLICATION NO.

PCT/GB04/04707

I.A. FILING DATE	PRIORITY DATE
11/08/2004	11/07/2003

23565  
 KLAUBER & JACKSON  
 411 HACKENSACK AVENUE  
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RECEIVED

JAN 12 2007

KLAUBER & JACKSON

*Due 3/10/07*  
 000 7/10/07

CONFIRMATION NO. 2111  
 371 FORMALITIES LETTER



\*OC000000021923239\*

Date Mailed: 01/10/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

NOW LARGE ENTITY

- Indication of ~~Small~~ Entity Status
- Copy of the International Application filed on 05/08/2006
- Copy of the International Search Report filed on 05/08/2006
- Preliminary Amendments filed on 05/08/2006
- Oath or Declaration filed on 05/08/2006
- Request for Immediate Examination filed on 05/08/2006
- U.S. Basic National Fees filed on 05/08/2006
- Priority Documents filed on 05/08/2006
- Specification filed on 05/08/2006
- Claims filed on 05/08/2006
- Abstracts filed on 05/08/2006
- Drawings filed on 05/08/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27.

DOCKETED CP

must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:** \$130 **LARGE**

Total additional fees required for this application is **\$65** for a **Small Entity**:

- \$130
  - ~~\$65~~ Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/578,460	PCT/GB04/04707	27131043PCTUS

**FORM PCT/DO/EO/905 (371 Formalities Notice)**